<u> </u>	<u> </u>		, , , , , , , , , , , , , , , , , , ,				
Outfall Location(s)	Basin Name	Reach Name	Location of the impaired stream segment as indicated in the 305b/303d list	Criteria Violated (Bio F or Bio M)	Potential Cause (NP or UR)	Category	Numeric waste load allocation for sediment
NONE							

* If the TDML Implementation Plan establishes a specific numeric waste load allocation that applies to the project discharge(s) to the Impaired Stream Segment, then the Certified Design Professional must incorporate that allocation into the Erosion, Sedimentation and Pollution Control Plan and implement all necessary measures to meet that allocation. A TDML implementation plan for sediment has not been finalized for Snapfinger creek.

STREAM BUFFER ENCROACHMENT

The contractor is not authorized to enter into stream buffers, except as described in the table below:

Name (name or number of	Location of	Stream Type (Warm/Cold	Buffer Impacted	Buffer Variance		
feature)	Alignment	Begin Sta (Lt or RT)	Ending Sta (Lt or Rt)	Water) *	(Yes/No)	Required?
STREAM 7D	WEST ROME BYPASS	94+96 (Lt)	96+46 (Lt)	WARM	No	No
STREAM 8A	WEST ROME BYPASS	103+34 (Rt)	108+74 (Lt)	WARM	No	No
STREAM 8B	HORSE LEG CREEK	34+39 (Lt)	36+51 (Rt)	WARM	No	Yes
STREAM 9	WEST ROME BYPASS	139+69 (Rt)	145+22 (Rt)	WARM	Yes	Yes
STREAM 9A	WEST ROME BYPASS	144+47 (Lt)	145+17 (Lt)	WARM	Yes	Yes
STREAM 10	WEST ROME BYPASS	229+94 (Rt)	230+27 (Lt)	WARM	No	No
STREAM IOA	WEST ROME BYPASS	263+43 (Lt)	263+63 (Rt)	WARM	Yes	No
STREAM IOB	WEST ROME BYPASS	271+29 (Rt)	273+43 (Rt)	WARM	Yes	Yes
STREAM 10C	WEST ROME BYPASS	273+12 (Rt)	274+05 (Lt)	WARM	Yes	No
STREAM 10E	CEMETARY ROAD	41+83 (Lt)	41+90 (Lt)	WARM	Yes	Yes
STREAM IOF	CEMETARY ROAD	41+50 (Lt)	42+02 (Lt)	WARM	No	No
STREAM II	WEST ROME BYPASS	281+27 (Rt)	281+61 (Lt)	WARM	No	No
STREAM 12	WEST ROME BYPASS	329+71 (Rt)	331+16 (Lt)	WARM	Yes	No
STREAM 12A	WEST ROME BYPASS	330+71 (Rt)	331+42 (Rt)	WARM	Yes	Yes
STREAM 12B	WEST ROME BYPASS	331+11 (Rt)	333+30 (Rt)	WARM	Yes	Yes
STREAM 12C	WEST ROME BYPASS	332+85 (Rt)	335+37 (Rt)	WARM	Yes	Yes
STREAM 12D	WEST ROME BYPASS	332+85 (Lt)	336+34 (Lt)	WARM	Yes	Yes
STREAM 13	SR 20	45+79 (Rt)	50+09 (Rt)	WARM	Yes	No
STREAM 13A	SR 20	40+16 (Rt)	40+74 (Rt)	WARM	No	No
STREAM 13B	SR 20	61+31 (Rt)	61+41 (Rt)	WARM	Yes	No
STREAM 14	MAYS BRIDGE ROAD	47+43 (Rt)	53+59 (Rt)	WARM	Yes	Yes
STREAM 14H	WEST ROME BYPASS	198+82 (Rt)	198+86 (Rt)	WARM	Yes	No
STREAM 15	MAYS BRIDGE ROAD	60+95 (Rt)	61+34 (Lt)	WARM	Yes	No
STREAM 20A	WEST ROME BYPASS	237+37 (Lt)	237+63 (Lt)	WARM	Yes	No
STREAM 21A	WEST ROME BYPASS	28551 (Rt)	29042 (Lt)	WARM	Yes	No
STREAM 21B	WEST ROME BYPASS	290+84 (Lt)	291+92 (Lt)	WARM	Yes	Yes
STREAM 21D	WEST ROME BYPASS	287+48 (Lt)	289+00 (Lt)	WARM	Yes	Yes
STREAM 25A	WEST ROME BYPASS	35765 (Rt)	35805 (Lt)	WARM	Yes	No
STREAM 25C	WEST ROME BYPASS	358+13 (Lt)	358+22 (L1)	WARM	No	No

* Warm water streams have a 25-foot minimum buffer as measured from the wrested vegetation. Cold Water streams have a 50-foot buffer as measured from the wrested vegetation.

** Locations are approximate, a detailed location of stream buffers and authorized work areas are shown on the individual BMP sheets. OTHER EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN NOTES

In lieu of proposed contours, a profile and cross sections have been prepared for this project and are included in the construction plans. Please refer to the construction plans available on the project site or from the Georgia Department of Transportation for these items.

A 24-hour local contact responsible for erosion, sedimentation and pollution controls will be establised by the Georgia Department of Transportation and the selected contractor prioir to the start of construction activities.

24 Hour Emergency Contact Name:

______ Phone: _____ Address: _____

The name, address and phone number of the primary permittee will be established prior to the start of construction and will be listed in the Notice of Intent (NOI).

MONITORING GENERAL NOTES:

It has been determined that the increase in turbidity at the specified locations will be representative of the increase in turbidity for all waters leaving the site. Approved primary and alternate representative monitoring sites are identified in the table.

irorin	Primary or Alternate Site	Location (Sta. and Side)	Name of Receiving water	Applicable construction stage for monitoring	Sampling Type (Outfall or Receiving Water)	Drainage Area (sq.mi.)	Construction Site Size (ac.)	Disturbed Area (ac.)	Warm or Cold water Stream	Appendix B NTC NTU value increas (outfall Monitoring Receivi Only) Allowate NTU increas (For Receivi	se Description
	Primary	STA 230.00,RT	Beech Creek	Stage I	Outfall	18.18	398.3	13.54	Warm	50	Downstream, south of West Rome Bypass
2.	Alternate	STA 282+50,LT	Tributary of Beech Creek	Stage I	Outf all	2.68	398.3	5 . 75	Warm	50	Downstream, west of West Rome Eypass
3.	Primary	STA 109+00,RT	Coosa River	Stage 2	Outfall	4040	398.3	16.43	Warm	100	Downstream, east of West Rome Bypass
<i>1</i> .	Alternate	STA 146+00,LT	Mountain End Lake	Stage 2	Outf all	1.72	398.3	27.9	Warm	50	Downstream, west-of West-Rome Bypass
5.	Primary	STA 146+00,LT	Mountain End Lake	Stage 3	Outf all	1.72	398.3	27.9	Warm	50	Downstream, west of West Rome Bypass
5.	Alternate	STA 109+00,LT	Coosa River	Stage 3	Outfall	4040	398.3	16.43	Warm	100	Downstream, west of West Rome Bypass

N

1005 -1124

*9*95

(According to the EPD, additional monitoring sites may be required depending on significant changes in typical sections)

The primary site specified should be used as the initial sampling location. The alternate sampling sites may be used if additional sampling is required and/or if the primary sampling site is no longer located within the active phase of construction. A representative from the Department's Office of Environmental Compliance will be responsible for selecting additional alternate monitoring locations within the active phase of construction, when the designated site is not within the active phase of construction. Included

MONITORING SAMPLING METHODS & PROCEDURES See Special Provision 167 and other contract documents for Monitoring Sampling Methods and Procedures.

READY MIX CHUTE WASH-DOWN

The washing of ready-mix concrete drums and dump truck bodies used in the delivery of portland cement concrete is prohibited on this site. In accordance with standard Specification 107 - Legal Reaulations and Responsibility to the Public, only the discharge "chute" utilized in portland cement concrete delivery may be rinsed free of fresh concrete remains. The Contractor shall excavate a pit outside of State water buffers, at least 25 feet from any storm drain and outside of the travel way, including shoulders, for a wash/pit area. The pit shall be large enough to store all wash-down water without overtopping the pit.Immediately after the wash-down operations are completed and after the wash-down water has soaked into the ground, the pit shall be filled in, and the ground above shall be graded to match the elevation of the surrounding areas smoothed out.

Alternate wash down plans must be approved by the Project Engineer. Wash-down plans describe procedures that prevent wash down water from entering streams and rivers. Never dispose of wash-down water down a storm drain. Establish a wash-down water pit location that includes the following: (1) the pit is located away from a storm drain, stream or river, (2) the pit is accessible to the vehicle being used for wash-down, (3) the pit has enough volume for wash-down water, and (4) make sure you have permission to use the area for wash-down. On some sites, you may not have permission or access to a location which allows for a wash-down pit. In those cases, the Contractor may have to wash-down into a wheelbarow or other container and carry the container for transport to a proper disposal site. For additional information, refer to the Georgia Small Business Environmental Assistance Program's "A Guide for Ready Mix Chute/Hopper Wash-down". RETENTION OF RECORDS

I. The primary permittee shall retain the following records at the construction site or the records shall be readily available at a designated alternate location from commencement of construction until such time as a NOT is submitted:

a. A copy of all Notices of Intent submitted to EPD; b. A copy of Erosion, Sedimentation and Pollution Control Plan;

c. The design professional's report of the results of the inspection conducted in accordance with Part IV.A.5 of permit GARIO0002;

d. A copy of all monitoring information, results, and reports required by permit;

e. A copy of all inspection reports generated in accordance with Part IV.D.4.a of the permit: f. A copy of all violation summaries and violation summary reports generated in accordance with Part III.D.2 of the permit and

a. Daily rainfall information collected in accordance with Part N.D.4.a(I)(c) of the permit. 2. Copies of all Notices of Intent, Notices of Termination, reports, plans, monitoring reports, monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, Erosion Sedimentation and Pollution Control Plans, records of all data used to complete the Notice of Intent to be covered by the permit and all other records required by this permit shall be retained by the permittee who either produced or used it for a period of at least three years from the date that the NOT is submitted in accordance with Part VI of this permit. These records must be maintained at the permittee's primary place of business or at a designated alternative location once construction activity has ceased at the permitted site. The period may be extended by the request of the EPD at any time upon written notification to the permittee.

"THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO,OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES: *EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES.IF FULL IMPLEMENTATION

OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE."

*ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABLIZED WITH MULCH OR TEMPORARY SEEDING."

PROJECT AREA = 398.3 AC.

DISTURBED AREA = 218.0 AC.

APPENDIX I

THE ES&PC PLAN MUST INCLUDE AT LEAST FOUR (4) OF THE FOLLOWING BMPS FOR THOSE AREAS OF THE SITE WHICH DISCHARGE TO A IMPAIRED STREAM SEGMENT AND FOR SITES WHICH EPD HAS APPROVED IN WRITING A REQUEST TO DISTURB 50 ACRES OR MORE AT ANY ONE TIME.

a.	During construction activities, double the width of the 25 foot undisturbed vegetated buffer along all State waters requiring
	a buffer and the 50 foot undisturbed vegetated buffer along all State waters classified as "trout streams" requiring a
	buffer.During construction activities, EPD will not grant variances to any such buffers that are increased in width.

PROJECT NUMBER

HPPNH-0012-01(085)

995 |1149

Increase all temporary sediment basins and retrofitted storm water management basins to provide sediment storage of at least 3600 cubic feet (134 cubic yards) per acre drained.

N c. Use baffles in all temporary sediment basins and retrofitted storm water management basins to at least double the conventional flow path length to the outlet structure.

permittee(s), and the contact person(s) and telephone number(s). N e. Use anionic polyacrylamide (PAM) and/or mulch to stabilize areas left disturbed for more than seven (7) calendar days

N d. Place a large sign (minimum 4 feet x 8 feet) on the site visible from the roadway identifying the construction site, the

in accordance with Part III.D.J. of the NPDES Permit GAR 100003. Y f. Conduct turbidity and Total Suspended Solids (TSS) sampling after every rain event of 0.5 inch or greater within any 24 hour period, recognizing the exceptions specified in Part IV.D.6.d. of the NPDES Permit GAR 100003.

N Comply with the applicable end-of-pipe turbidity effluent limit, without the "BMP" defense" as provided for in O.C.G.A.12-7-6

h. Limit the total planned site disturbance to less than 50% impervious surfaces (excluding any State-mandated buffer areas Limit the amount of disturbed area at any one time to no greater than 25 acres or 50% of the total planned site, whichever

Use "Dirt II" techniques to model and manage storm water runoff (e.g., seep berms, sand filters, anionic Pam), available

on the EPD website, www.gaepd.org. N k. Add appropriate organic soil amendments (e.g., compost) and conduct pre- and post-construction soil sampling to a depth

of six (6) inches to document improved levels of soil carbon after final stabilization of the construction site. Use mulch filter berms,in addition to a silt fence,on the site perimeter wherever storm water may be discharged.

1005 -1124 Apply the appropriate Georgia Department of Transportation approved erosion control matting or blankets or bonded fiber matrix to all slopes steeper than 3:1.

> Use appropriate erosion control matting or blankets instead of concrete in construction storm water ditches and storm drainages designed for a 25 year, 24 hour rainfall event. N o. Use anionic PAM under a passive dosing method (e.g., flocculant blocks) within construction storm water ditches and storm

drainages that feed into temporary sediment basins and retrofitted management basins. Install sod for a minimum 20 foot width, in lieu of seeding, along the site perimeter wherever storm water may be

discharged. Use a surface draining skimmer designed to drain temporary sediment basins and retrofitted storm water management

Certified personnel shall conduct inspections at least twice every seven (7) calendar days and within 24 hours of the end of the storm that is 0.5 inches rainfall or greater in accordance with Part N.D.4.a.(2).(a) - (c), Part N.D.4.b.(3).(a) - (c) or Part IV.D.4.c.(2).(a) - (c) of the NPDES Permit GAR 100003, as applicable.

N s. Apply the appropriate compost blankets (minimum depth 1.5 inches) to protect soil surfaces until vegetation is established during the final stabilization phase of the construction activity.

Use alternative BMPs whose performance has been documented to be superior to conventional BMPs as certified by a Design Professional (unless disapproved by EPD or the State Soil and Water Conservation Commission). (If using this item please refer to the Alternative BMP guidance document found at www.gaswcc.org)





	Effective January 1,2011							
			WEST ROME BYPASS					
			EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN GENERAL NOTES					
1	06/03/II 05/27/II	UPDATED CHARTS UPDATED CHARTS	DESIGNED: JAC	CHECKED:	DATE:	51.02		
NO.	DATE	DESCRIPTION OF REVISION	DRAWN: JAC	JOB NO. 2077.026	SCALE: NONE	SHEET	REV	

basins over a minimum three (3) day period.